

DEFENSE LOGISTICS AGENCY



DISTRIBUTION STANDARD SYSTEM

SCR DSS-HQ0-151

**Data Request to
Support IMACS**

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General Requirements

- Provide IMACS with requested “balance” and “transaction” data available from 12 co-located DLA storage facilities. DDHU, DDOO, DDWG, DDJF, DDCN, DDDC, DDBC, DDCT, DDRT, DDAA, DDTP AND DDAG.
- Use IMACS provided file (via FTP) of applicable DMISA NIINs as basis for extraction process.
- Extract data on a daily basis from each of the 12 sites after their close of business. Target the appropriate day’s transactions without



Balance Requirements

- For all NIINs contained on the IMACS NIIN file, extract owner balance data by owner RIC and condition code.
- Create one record per NIIN/owner at each storage site. The one record will contain quantities for all applicable condition codes for that site.
- File Header and Trailer records are required.



Transaction

Requirement

-For all NIINs contained in the IMACS NIIN file, extract transaction data for the date requested from each of the 12 co-located DLA storage sites. The applicable transactions are A2_, A5_ (except A5J), ARO, D6_ and ZWT that meet the following criteria:

1. All A2_, A5_, D6_ transactions that contain an Ownership/ Purpose Code (OPC, rp 70) of 1,3,4,5,6 or an OPC of A, if the Service Code (rp 30) is equal to F,I,M,N,Q,R,V,W.



Transaction

Requirement

2. All ARO transactions with a Service Code (1st pos of the Docno~~S~~) equal to F,I,M,N,Q,R,V,W. Match to original A2/A5 to obtain the OPC and Condition Code and place in rps 81 and 82 respectively.
 3. All applicable ZWT transactions.
- File Header and Trailer records are required.



Current Processing

- Currently, data from the Owner Balances (QBO), the Adjustment Transaction History (ATR) and the Milstrip History (MST) are provided by daily batch programs PRI1 and PRI2 and run only at DDHU, DDOO and DDWG.
- There is no file of DMISA NIINs.
- Two Generation Data Groups (GDGs) are created for each site. The TRN file contains all A2_, A5_, ARO and D6_ transactions that occurred since the last run of PRI1, while the



Proposed Processing

- DSS requires that IMACS FTP at least two copies of the DMISA NIIN File, one to each megacenter that runs DSS.

Processing will be modified to only consider the NIINs on the DMISA file. IMACS can modify this file as required.

- When there is no stock carried at one of the 12 sites, a zero balance record will be created, but TRN records may be transmitted. All extraneous data will be ignored.



Proposed Processing

- All ZWTs for the selected NIINs found on the MST will be added to the TRN file in the format provided.
- All transactions on the TRN will be sorted by date for those rare instances where multiple days are considered. Requires a 7 position date field be added to all the transaction layouts.
- A Header and Trailer record will be created for each file.



Proposed Processing

INPUT.....

length

- NSN File Header Record -
 - Record Id (IMACSNSN) 8A
 - File Creation Date (YYYYMMDD) 8N
 - File Creation Time (HHMMSSHNN) 8N
 - Blanks in 9-37, 46, 55-80

- NSN File -
 - NIIN
 - 9AN
 - Blanks in 10-80



Proposed Processing

OUTPUT.....

- BAL and TRN File Header Record -

Record Id (INVBAL,TRNACT)

6A

File Id

36AN

“DSSDDXX.HXXX.IMACS.BALXXX.G00000.
V00”

“DSSDDXX.HXXX.IMACS.TRNXXX.G00000.
V00”

(Where XXX=RIC, GYYDDD, 14 generations)

File Creation Date (YYYYMMDD)

8N



Proposed Processing

- Balance Data Record -

National Stock Number	15N
Ownership Purpose Code	1N
As of Date (YYDDD)	5N
Source of DODAAC	6AN
Owner Routing Identifier	3AN
Cond Code Balances	50N
(5N each for conditions A,D,F,G,H,J,K,L,M,Q)	
Uncommon Cond Codes Balance	5N
(sum of conditions B and C)	
Zero fill 81-100	



Proposed Processing OUTPUT cont.....

- Milstrip A2/A5 Record -

Document Identifier	3AN
Routing Identifier Code (to)	3AN
Media/Status Code	1AN
Stock Number	15AN
Unit of Issue	2A
Quantity	5N
Document Number	14AN
Demand Code/Suffix	1A
Supplementary Address	6AN
Signal Code	1A
Fund Code	2AN



Proposed

OUTPUT A2/A5 cont.....

Processing

Distribution Code	3AN
Project Code	3AN
Priority Code	2AN
Required Delivery Date	3N
Advice Code	2AN
Date of Receipt/RIC from	3AN
Ownership Code	1AN
Supply Cond Code	1A
System Mgmt/Mgmt Code + blank	2AN
Routing Identifier Code (from)*	3AN
Inventory Control Date*	4AN
*Unit Price	7N
Transaction Date (83-89)	7N
Blanks in 81-82	



Proposed Processing OUTPUT cont.....

- Milstrip ARO Record -

Document Identifier	3AN
Routing Identifier Code (to)	3AN
Media/Status Code	1AN
Stock Number	15AN
Unit of Issue	2A
Quantity	5N
Document Number	14AN
Suffix	1A
Supplementary Address	6AN
Hold Code	1A



Proposed Processing

OUTPUT ARG cont.....

Fund Code

2AN

Port of Embarkation

3AN

Date Shipped

3AN

TCN, GBL or Shipment Unit Nr

17N

Mode of Shipment

1AN

Date Available for Shipment

3AN

Output Line (B) Code (6) ARG (A5)



Proposed Processing OUTPUT cont.....

- Milstrap D6/ZWT Record -

Document Identifier	3AN
Routing Identifier Code (to)	3AN
Blank/Media Status Code	1AN
Stock Number	15AN
Unit of Issue	2A
Quantity Received/Qty	5N
Document Number	14AN
Suffix	1A
Supplementary Address	6AN
Signal Code	1A
Fund Code	2AN



Proposed Processing

UNITED STATES GOVT cont.....

Distribution Code	3AN
Project Code	3AN
Multi-Use/Priority Code	2AN
Multi-Use/Required Delivery Date	3N
Multi-Use/Advice Code	2AN
Routing Identifier Code (from)	3AN
Ownership/Purpose Code	1AN
Supply Condition Code	1A
Management Code	1AN
Date*	3N
Multi-Use*	5N
*1 Blank and Unit Price	7N
Transaction Date (83-89)	7N
Blanks in 81-82	



Proposed Processing INPUT/OUTPUT File Trailer Records NSN/BAL/TRN

Record Id (19 z's)

19A

Data Record Count

8N

Record ID continuation (53 z's)

53A

NEW/MODIFIED PROGRAMS

Modify batch programs PRI1/PRI2

- Reads DSS databases, creates intermediate GDGs (TRNALL/BALALL) sorted by NIIN for all transactions that meet DMISA selection criteria as stated in the Requirements and have occurred since the last run of PRI1/PRI2.

Create new batch programs PRI3/PRI4

- Reads intermediate GDGs, creates final output GDGs (TRNRIC/BALRIC) sorted by transaction date for all NIINs on the NSN file.

DATABASES
SCREENS
REPORTS

NO CHANGES



DSS Timeline for DSS-HQ0-151

Functional Test FY01.2	2/20-3/2
Environmental Testing @ DDJC and DDNV	3/19-4/6
IOC @ DDJC and DDNV	4/9
Environmental Testing all DSS Sites	4/9-20
IOC all DSS Sites	4/24